

Amendments to the Claims

The following listing replaces all previous listings of the claims.

Listing of the Claims:

1. (Currently Amended) A fireplace for simulating a natural fire, comprising:
an enclosure defining an opening;
a front panel positioned to at least partially cover the opening; and
a lenticular screen viewable through the front panel, wherein the lenticular screen
comprises a lenticular lens layer having a plurality of lenticule formed on a front surface of the
lenticular lens layer, and an image layer disposed on a rear surface of the lenticular lens layer to
simulate a fire.
2. (Original) The fireplace of claim 1, further comprising a device coupled to the lenticular screen that alters the position of the lenticular screen to change a viewed image of the fire.
3. (Original) The fireplace of claim 2, wherein the device comprises an electric drive motor operatively connected to a reciprocating mechanism to move the lenticular screen.
4. (Currently Amended) An apparatus for simulating a fireplace fire, the apparatus comprising:
a lenticular screen comprising a lenticular lens layer and an image layer disposed on a
rear surface of the lenticular lens layer, wherein the image layer comprises one or more images
of a fire disposed on a back surface of lenticular screen; and
a device coupled to the lenticular screen that moves the lenticular screen to alter a viewed
image of the fire.
5. (Original) The apparatus of claim 4, wherein the viewed image of the fire comprises logs, flames, and walls of a firebox.
6. (Original) A fireplace for simulating a natural fire, comprising:

an enclosure defining a chamber; and
a lenticular screen disposed within the chamber, wherein the lenticular screen comprises a lenticular lens layer and an image layer disposed on the lenticular lens layer to simulate a fire.

7. (Original) The fireplace of claim 6, further comprising a device coupled to the lenticular screen that alters the position of the lenticular screen to change a viewed image of the fire.

8. (Original) A fireplace, comprising:
an enclosure having a front wall, wherein the front wall comprises an electrically conductive panel coupled to a phase change material; and
electrical terminals operatively connected to the electrically conductive panel for applying a voltage across the electrically conductive panel to heat the front wall and convert the phase change material from an opaque solid to a less opaque liquid to allow viewing through the front wall.

9. (Original) The fireplace of claim 8, further comprising a second panel coupled to the electrically conductive panel, wherein the phase change material is disposed between the electrically conductive panel and the second panel.

10. (Original) The fireplace of claim 8, wherein the front wall generates radiant heat to heat a room.

11-17. (Canceled)

18. (Currently Amended) A method for simulating a fire within an enclosure comprising the steps of:
disposing a lenticular screen within the enclosure, wherein the lenticular screen comprises a lenticular lens layer and an image layer disposed on a rear surface of the lenticular lens layer, the image layer comprising a fire image; and

moving the lenticular screen to change a viewable image of the fire generated by the fire image layer.

19. (Canceled)

20. (Original) A method for selectively revealing items disposed within a fireplace enclosure comprising the steps of:

providing a front wall of the fireplace enclosure, wherein the front wall comprises an electrically conductive panel coupled to a phase change material; and

providing a voltage source coupled to the electrically conductive layer to heat the front wall and convert the phase change material from an opaque solid to a less opaque liquid to allow selective viewing through the front wall.

21. (Previously Presented) A fireplace for simulating a natural fire, comprising:
a front panel defining a front surface of the fireplace; and
a lenticular screen spaced apart from and viewable through the front panel, wherein the lenticular screen comprises a lenticular lens layer and an image layer disposed on the lenticular lens layer to simulate a fire.